

Message

From: Brad Gentry [bgentry@iwmconsult.com]
Sent: 5/29/2019 8:41:54 PM
To: Bury, Carolyn [bury.carolyn@epa.gov]; Chris Parks [cparks@iwmconsult.com]
CC: Neal, Conor [Neal.Conor@epa.gov]; Sundar, Bhooma [sundar.bhooma@epa.gov]; Caudill, Motria [caudill.motria@epa.gov]
Subject: RE: Confidential - Dissolved TCE GW Map_Base of Unit B

Carolyn

Good afternoon. I have talked with Chris Newell (the field geologist) and reviewed the boring logs. Our responses are as follows:

- 1) **TMW-22:** Unit B was saturated from 7.75 feet bgs to 11.50 feet bgs (3.75 feet total saturated thickness during drilling activities) during the drilling activities completed on March 1, 2019.
- 2) **TMW-31:** Unit B was saturated from 8.50 feet bgs to 12.75 feet bgs (4.25 feet total saturated thickness during drilling activities) during the drilling activities completed on March 4, 2019.

TMW-22 was installed on March 1, 2019 and TMW-31 was installed on March 4, 2019. Conor is basing the saturated thickness on depth to groundwater measurements made in the field on March 7, 2019. That is where the discrepancy came into play. However, since observed saturated thicknesses less than 5 feet during the drilling activities, we only installed 1 well and not a nested set of wells.

Please let me know if you have further questions or need anything else.

Sincerely,

Bradley E. Gentry, LPG
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From: Bury, Carolyn <bury.carolyn@epa.gov>
Sent: Wednesday, May 29, 2019 10:07 AM
To: Brad Gentry <bgentry@iwmconsult.com>; Chris Parks <cparks@iwmconsult.com>
Cc: Neal, Conor <Neal.Conor@epa.gov>; Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>
Subject: RE: Confidential - Dissolved TCE GW Map_Base of Unit B

Sounds good, thanks.

From: Brad Gentry <bgentry@iwmconsult.com>
Sent: Wednesday, May 29, 2019 8:50 AM
To: Bury, Carolyn <bury.carolyn@epa.gov>; Chris Parks <cparks@iwmconsult.com>
Cc: Neal, Conor <Neal.Conor@epa.gov>; Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>
Subject: RE: Confidential - Dissolved TCE GW Map_Base of Unit B

Carolyn

Thank you for the email. Yes, we have heard that the 400 Forsythe access agreement is in the final stages and signatures should be obtained shortly. We will let you know once we receive the fully executed access agreement.

I will have to look into Conor's questions about the saturated thickness of Unit B for temporary wells TW-22 and TW-31. Chris Newell and Chris Parks are both out today and they were directly involved in the drilling activities so I will need to discuss this with them when they get back into the office.

Sincerely,

Bradley E. Gentry, LPG
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From: Bury, Carolyn <bury.carolyn@epa.gov>
Sent: Wednesday, May 29, 2019 9:27 AM
To: Brad Gentry <bgentry@iwmconsult.com>; Chris Parks <cparks@iwmconsult.com>
Cc: Neal, Conor <Neal.Conor@epa.gov>; Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>
Subject: FW: Confidential - Dissolved TCE GW Map_Base of Unit B

Hi Brad and Chris,

I received an email from the attorney at 400 N Forsythe indicating that the access agreement was negotiated and that signatures were being obtained. Good news but can you verify that? Thanks.

Per the information from Conor, below, it looks as if two of the temporary well points (TW-22 and TW-31) should have had a deep sample taken, per the work plan, but only had a shallow unit taken.

Please either explain why only one sample was taken at the two locations or re-sample the wells for both depths when you sample the 400 Forsythe property.

Call me if you have any questions.

Thanks.
Carolyn

Carolyn Bury
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From: Neal, Conor**Sent:** Tuesday, May 28, 2019 11:21 AM**To:** Bury, Carolyn <bury.carolyn@epa.gov>**Subject:** RE: Confidential - Dissolved TCE GW Map_Base of Unit B

Carolyn

In the second off-site GW investigation, Amphenol collected GW samples from temporary wells 15 through 34. The work plan says that Amphenol would collect one sample from the water table if the GW thickness was less than 5 feet. If the GW thickness was 5 feet or more Amphenol would collect a sample from the water table and another at the base of Unit B.

The table below lists temporary well locations with only one sample and calculates the GW thickness based on the Unit C Elevation and the GW elevation. TW-22 and TW-31 should have had a second GW sample collected from the base of Unit B.

Well ID	Unit C Elevation	GW Elevation (3/7/19)	GW thickness			
TW-20	713.33	715.85	2.52			
TW-21	711.84	715.37	3.53			
TW-22	709.34	714.59	5.25			
TW-23	711.78	715.98	4.2			
TW-24	714.34	715.54	1.2			
TW-25	715.05	716.73	1.68			
TW-31	712.86	719.04	6.18			

Conor